



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61F 2/06	A1	(11) International Publication Number: WO 96/29955 (43) International Publication Date: 3 October 1996 (03.10.96)
(21) International Application Number: PCT/US96/04092 (22) International Filing Date: 25 March 1996 (25.03.96) (30) Priority Data: 08/414,995 31 March 1995 (31.03.95) US (71) Applicant: ANEURX, INC. [US/US]; 10231 Bubb Road, Cupertino, CA 95014 (US). (72) Inventors: EVANS, Michael, A.; 637 Webster Street, Palo Alto, CA 94301 (US). WATANABE, Gwendolyn, A.; 750 North Shoreline Boulevard #166, Mountain View, CA 94043 (US). (74) Agents: BARRISH, Mark, D. et al.; Townsend and Townsend and Crew, Stuart Street Tower, 20th floor, One Market Plaza, San Francisco, CA 94105 (US).		(81) Designated States: European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: RADIALLY EXPANSIBLE VASCULAR PROSTHESIS HAVING REVERSIBLE AND OTHER LOCKING STRUCTURES**(57) Abstract**

A tubular prosthesis (52) is disclosed which is introduced to a region of an aneurysm (AA) and expanded. A particular advantage of using the prosthesis (52) is that the diameter will be supported by eversion (54) along its entire length. Additionally, the presence of the multiple eversion (54) helps assure good radially outward contact between the prosthesis (52) and the blood vessel wall along its length.

